

MAYOR & COUNCIL AGENDA COVER SHEET

MEETING DATE:

June 19, 2006

CALL TO PODIUM:

Fred Felton, Assistant City Manager

RESPONSIBLE STAFF:

Fred Felton, Assistant City Manager

AGENDA ITEM:

(please check one)

	Presentation
	Proclamation/Certificate
	Appointment
	Public Hearing
	Historic District
	Consent Item
	Ordinance
X	Resolution
	Policy Discussion
	Work Session Discussion Item
	Other:

PUBLIC HEARING HISTORY:

(Please complete this section if agenda item is a public hearing)

Introduced	
Advertised	
Hearing Date	
Record Held Open	
Policy Discussion	

TITLE:

Resolution of the Mayor and City Council Awarding Matching Grants to the Lakelands Community Association and the Saybrooke Homeowners Association (\$10,000)

SUPPORTING BACKGROUND:

As you are aware, the Mayor and City Council has approved a Neighborhood Matching Grant Program to provide an incentive for HOA's, COA's, and other community groups to improve the appearance or safety of their neighborhoods as well as use for community events, and professional consultants.

At this point, staff is recommending that grants be awarded to Lakelands Community Association and Saybrooke Homeowners Association. Lakelands Community Association would like to use their grant funds to create a sitting park at the corner of Rockburn Street and Still Creek Lane which would include landscaping and two park benches. Saybrooke Homeowners Association would like to replace existing pole light fixtures as well as install new light fixtures to help address safety concerns around the pool/tennis court area of the community. I have enclosed copies of the original grant applications for your review.

If the Council approves these grants, the communities will receive a letter awarding the grant and authorizing them to proceed with the project. No City funds will be released until receipts are submitted and the work has been inspected.

DESIRED OUTCOME:

Vote on Resolution.

Resolution Request Form

REQUEST FORM FOR RESOLUTIONS PERTAINING TO EXPENDITURES FROM THE CITY BUDGET (CONTRACTS/PURCHASES, TRANSFER FUNDS)

(Please attach the Mayor and Council Agenda Cover Sheet to this Form. For contracts/purchases, the Cover Sheet MUST include a list of all bidders and bid amounts.)

Requested by: Frederick J. Felton Date of City Council Meeting: June 19, 2006

AUTHORIZING

Purchase _____ Award Contract _____ Transfer Funds X Negotiate/
Execute a Contract _____

BID INFORMATION:

Advertisement Date N/A
Newspaper(s) N/A
Bids Opened/Tabulated (date) N/A

DESCRIPTION OF ITEM(S):

CONTRACTED/PURCHASE FROM:

Lakelands Homeowners Association (\$5,000)
Main Street
c/o ComSource Management, Inc.
3414 Morningside Drive
Olney, Maryland 20832

Saybrooke Homeowners Association (\$5,000)
c/o Main Street Property Management
9 Park Avenue
Gaithersburg, Maryland 20877

CONTRACT/PURCHASE AMOUNT: **\$10,000.00**

Check One: In the Amount of _____ Not to Exceed X

FUNDS TO BE EXPENDED FROM: Operating Budget _____ Capital Improvements Budget X

Account Number: CIP 99-6 (#087)
(For Finance Department use only; not to be included in the Resolution)

VERIFICATION OF AVAILABILITY OF FUNDS Available X Not available _____

Frederick J. Felton 6/19/06
Finance Dept. Date

Resolution No. _____

RESOLUTION OF THE MAYOR AND CITY COUNCIL AWARDING
MATCHING GRANTS TO LAKELANDS COMMUNITY ASSOCIATION AND
SAYBROOKE HOMEOWNERS ASSOCIATION

WHEREAS, the Mayor and City Council has approved a Neighborhood Matching Grant Program to provide an incentive for neighborhood organizations to improve their communities; and

WHEREAS, funds for this program are available from the CIP Account 99-6 (087); and

WHEREAS, the Mayor and City Council have determined that the projects outlined are worthwhile and in the public interest:

NOW THEREFORE, BE IT RESOLVED by the Mayor and City Council that the City Manager is authorized to award the following grants upon determining that the projects are completed as proposed, in the total amount of Ten Thousand Dollars (\$10,000); said funds to be expended from the Capital Improvements Budget as follows:

<u>Community</u>	<u>Projects</u>	<u>Amount of Grant</u>
Lakelands Community Association	Sitting Park	\$5,000
Saybrooke Homeowners Association	Lighting	\$5,000

AND BE IT FURTHER RESOLVED that the City Manager be and hereby is authorized to waive fees for any City permit required for the projects outlined above.

ADOPTED by the City Council of Gaithersburg this 19th day of June, 2006.

SIDNEY A. KATZ, MAYOR and
President of the Council

THIS IS TO CERTIFY that the foregoing
Resolution was adopted by the City Council
in a public meeting assembled on the 19th
day of June, 2006.

David B. Humpton, City Manager



NEIGHBORHOOD MATCHING GRANT APPLICATION

****Please note:** Grants will be considered for new projects such as lighting, installation of landscaping, tot lots, entrance features, other physical improvements, or neighborhood events.

I. Applicant Information:

Applicant's Name LAKELANDS COMMUNITY ASSOC.
Applicant's Address 960 MAIN STREET
GAITHERSBURG, MD 20878
Applicant's Telephone Number (301) 642-7576

Name of Neighborhood LAKELANDS Number of Homes 1,410

Date application submitted: 05/30/06

Does the Neighborhood have an HOA, COA or Citizens Association?

☒ Yes

☐ No

II. Project Information

Please describe the proposed improvement (attach sketches or plans as appropriate):

WE ARE PROPOSING A SITTING PARK AT THE CORNER OF
ROCKBORN ST. AND STILL CREEK LANE IN THE
LAKELANDS SUBDIVISION TO INCLUDE TREES SHRUBS,
PERENNIALS AND THE INSTALLATION OF TWO PARK
BENCHES. PLEASE SEE THE ATTACHED LANDSCAPE
PLAN AND PLANT LIST.

THIS PROJECT IS PART OF OUR SEVEN YEAR PLAN TO
ENHANCE AND BEAUTIFY THE LANDSCAPING IN OUR
COMMUNITY. WE ARE IN YEAR THREE OF THE PLAN.

Please describe the need for the project and the benefit to the community:

AT PRESENT THIS IS A SMALL GRASSY AREA
PRACTICALLY BARE AND LARGELY UNUSABLE THE PROPOSED
PARK WILL ADD TO THE BEAUTY OF THE COMMUNITY
AND SINCE IT IS LOCATED NEAR A SCHOOL BUS STOP
IT WILL PROVIDE AN ATTRACTIVE AND INVITING PLACE
FOR PARENTS TO VISIT WHILE WAITING FOR THEIR
CHILDREN.



Has this proposed project been discussed at a meeting that was open to all residents?

☒ Yes

☐ No

When would you like to start the project? SUMMER 2006

III. Financial Information

What is the estimated cost of the project? \$10,000

***The total amount of the City Grant can not exceed \$5000 or 50% of the cost of the project (whichever is less).

How will the remaining costs be financed?

ENVIRONMENTAL AND BEAUTIFICATION COMMITTEE BUDGET FUNDED FROM COMMUNITY ASSOCIATION DOES.

E. RONALD SMITH

Applicant's Printed Name

E. Ronald Smith

Applicant's Signature

05/30/06

Date

FOR OFFICE USE ONLY:

Date received: _____

Date reviewed by staff: _____

Staff comments: _____

Board of Directors

The LCA Board of Directors meets regularly on the 4th Wednesday of every month at 7:00 PM. Meetings are held at the Lakelands Clubhouse (960 Main Street). The LCA Board meetings are open to all Lakelands Residents and the meetings provide the Association an opportunity for the Board to conduct business and affect decisions on the operation of our community.

If you have questions, please contact the Community Manager at 240-631-8338. If you care to e-mail the Board of Directors, you may send your note to board@lakelands.org or to any individual (s) at their addresses provided below.

We hope you will take an interest in your community and attend meetings to keep in the know!

📧 [Lake Coulson - Lake@lakelands.org](mailto:Lake@lakelands.org)

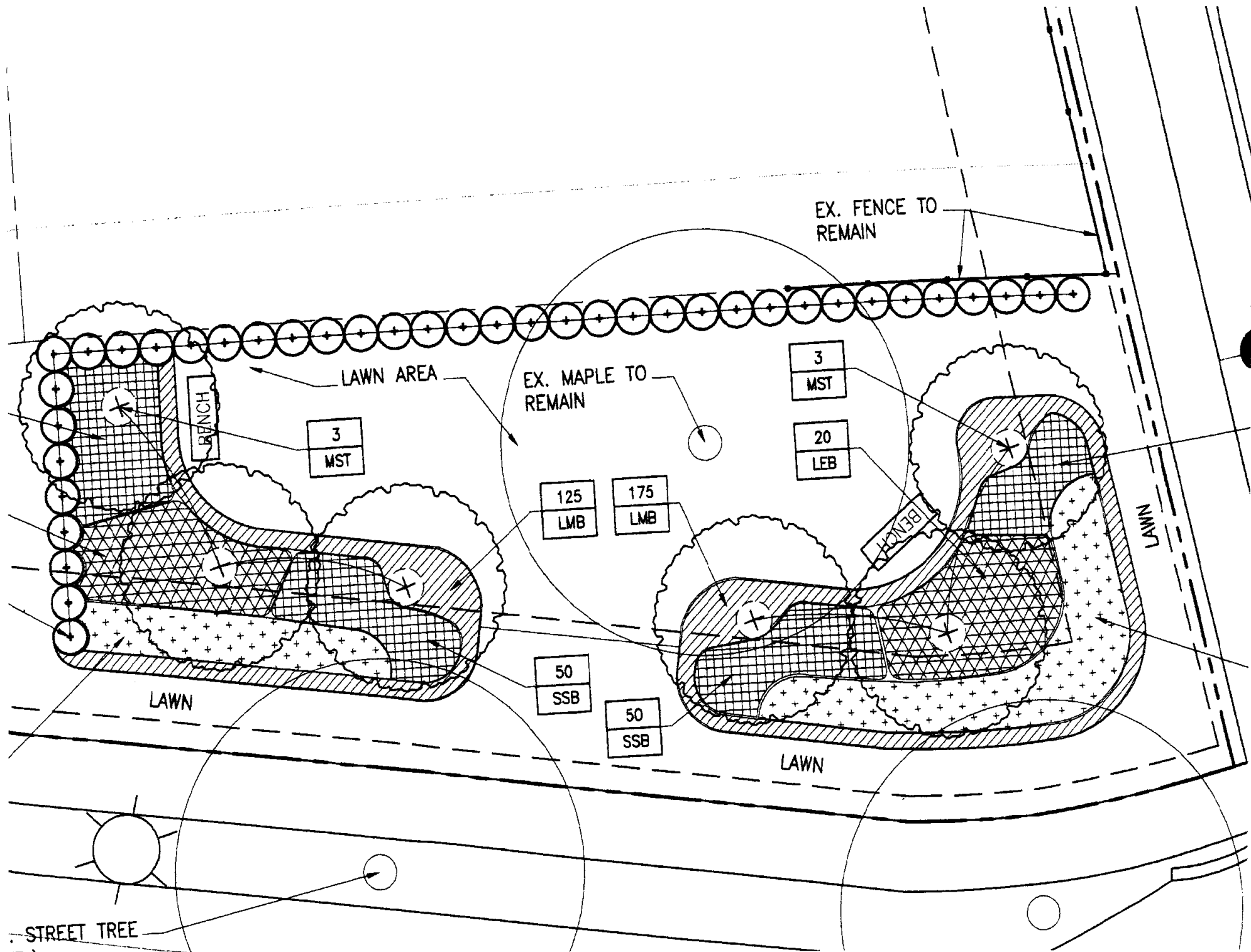
📧 [Mark Ezrin - Mark@lakelands.org](mailto:Mark@lakelands.org)

📧 [Beverly Frey - Bev@lakelands.org](mailto:Bev@lakelands.org)

📧 [Pat McCalley - Pat@lakelands.org](mailto:Pat@lakelands.org)

📧 [Jim Wakefield - Jim@lakelands.org](mailto:Jim@lakelands.org)

Copyright © 1998-2002 AtHomeNet, Inc. All rights reserved.
This site is provided by [AtHomeNet](#)



Corner Park • Still Creek Lane and Rockborn Street

Key	Qty	Botanical Name	Common Name	Size	Remarks
		Trees:			
MST	6	Malus 'Sugar Tyme'	Sugar Tyme Crabapple	2" cal., B&B	
		Shrubs:			
LO	39	Ligustrum ovalifolium	California Privet	24" hgt., cont.	
		Ground Covers & Perennials:			
HSD	120	Hemerocallis 'Stella D'oro'	Stella D'oro Daylily	#1 cont.	plant 18" o.c.
LEB	40	Leucanthemum 'Becky'	Becky Daisy	#2 cont.	plant 30" o.c.
LMB	300	Liriope muscari 'Big Blue'	Big Blue Liriope	#1 cont.	plant 12" o.c.
SSB	185	Salvia nemorosa 'Blue Hill'	Blue Hill Salvia	#1 cont.	plant 15" o.c.

POTOMAC
GARDEN
CENTER



12024 damascus rd.
north potomac, md 20878
T 301-948-8880
F 301-948-5994

PROPOSAL FOR SERVICES: Park @ Still Creek Lane and Rockborn

Property: LAKELANDS HOA, Main St., Gaithersburg, MD

C/O ComSource Management, Inc.

3414 Morningwood Drive

Olney, MD 20832

Phone: 301-924-7355

Fax: 301-924-7340

We propose to implement and install the landscape plan designed by Stephenson & Good Landscape Architects dated August 17, 2005 for Corner Park at Still Creek Lane and Rockborn Street drawing No. L1-01.

Our initial quote to you for implementation of this project as per plan was \$15,230.00. We were told that this exceeded your budget. Therefore we've revised our quote by reducing the quantity of some items (i.e. fast growing plants). We feel these minor adjustments in quantity help may this affordable while still keeping the concept, line and form of the landscape plan intact. We offer to install the following as per plan:

6	Sugar Tyme Crab Apple Trees 2" Cal.	
35	California Privet	
100	Stella D'oro Daylily	1 gallon
40	'Becky' Daisy	1 gallon
240	Liriope	1 gallon
145	Blue Salvia	1 gallon
Transplant two existing trees		

The cost of this service is \$9,974.00. initial here to authorize this work:_____.

All plantings will be performed in accordance with the quality standards established by the Landscape Contractors Association, including the provision of soil amendments, mulch and one year warranty. Transplants and perennials are not protected by warranty.

Please call me with any questions you may have related to this proposal.
Sincerely,

Andy R. McConaughy / 301-252-4638

CUSTOMER ACKNOWLEDGEMENT AND AUTHORIZATION

Please proceed with the work initialed above. The authorized work comes to a total of \$_____ of which a 1/3 deposit equivalent to _____ is being submitted to Potomac Garden Center upon acceptance of this proposal. The balance will be paid in full upon completion of each line item authorized.

Authorized by: _____ Date: _____



NEIGHBORHOOD MATCHING GRANT APPLICATION

I. Applicant Information:

Applicant's Name Saybrooke Homeowners Association

Applicant's Address c/o Main Street Property Management
9 Park Avenue, Gaithersburg, Maryland 20877

Applicant's Telephone Number 240-632-0001

Name of Neighborhood Saybrooke, HOA Number of Homes 478

Does the Neighborhood have an HOA, COA or Citizens Association?

X Yes

ρ No

II. Project Information

Please describe the proposed improvement (attach sketches or plans as appropriate):

The project is to replace existing pole light fixtures at both the pool/tennis court parking lot and inside the pool facility. The project also includes installing new light fixtures attached to each side of the pool house building facility and includes a new pole light on the walkway leading to the pool and a new pole light adjacent to the tennis court entrance.

Please describe the need for the project and the benefit to the community:

The benefit of the lighting project has been a topic of discussion and recommended highly in Neighborhood Watch Meetings with Officer White of the City of Gaithersburg Police Department. This lighting improvement program will provide safety, security and will enhance the existing amenities on the Association's common elements.

Has this proposed project been discussed at a meeting that was open to all residents?

☒ Yes

☐ No

When would you like to start the project? May/ June 2006

III. Financial Information

What is the estimated cost of the project? \$20,751.01

***The total amount of the City Grant can not exceed \$5000 or 50% of the cost of the project (whichever is less).

How will the remaining costs be financed?

An Association expense

Richard A. Hodel, agent

Applicant's Signature

6/8/06

Date

FOR OFFICE USE ONLY:

Date received: _____

Date reviewed by staff: _____

Staff comments: _____

SAYBROOKE OUTDOOR LIGHTING UPGRADE PROJECT

2006

	Mont. Lighting Services
<u>Replace three existing fixtures at three poles in main parking area with three 4-way tenons and a total of twelve 400-watt metal halide cutoff floods. Also install a new astronomic time clock that will operate multi-pole contactor (timer and contactor will operate any additional lights also).</u>	\$7,223.88
<u>Add one pole (15' tall) with twin tenon and two 250-watt metal halide flood fixtures near tennis courts. This pole light will be operated in conjunction with timer & contactor installed for main parking lot pole lights.</u>	\$2,955.10
<u>Add one pole (12' tall) with one 175-watt metal halide cutoff flood light on right side of driveway to gate of pool enclosure. This pole light will also be operated in conjunction with the new timer.</u>	\$2,464.33
<u>Guard house and bath house - replace two existing incandescent flood light fixtures and replace with 100-watt NS type flood light fixtures. Add three additional flood light fixtures, one on guard house and two on the bath house. These fixtures will also be controlled via the new time clock.</u>	\$2,395.00
<u>Replace three existing fixtures at three poles surrounding the pool deck with twin tenons and a total of six 400-watt metal halide cutoff floods to match the new fixtures in the parking area. These fixtures to be controlled via the new time clock.</u>	\$3,319.17
<u>Rewire supply power to three pole lights surrounding the pool deck so that one fixture at each pole will be capable of being turned off while the other fixture remains on. This control method will utilize a second channel on the time clock but will require a second contactor.</u>	\$2,743.53
Sub total	\$21,101.01
Less discount	\$350.00
TOTAL	\$20,751.01

MONTGOMERY LIGHTING SERVICE

21809 WOODFIELD RD
LAYTONSVILLE MD 20882
OFFICE - 301.947.7830
FAX - 301.947.7829

DATE: October 8, 2005
TO: Rich Skobel
FAX #:
SUBJECT: Saybrooke Outdoor Lighting Upgrade Project
SENDER: Tom Feck
PAGES SENT: 2

This proposal has six sections individually priced.

Montgomery Lighting Service, Inc. (MLS) will supply all materials, labor and equipment to complete the following:

All poles, fixtures and tenons will be RUUD lighting products.

- 1) Replace three existing fixtures at three poles in main parking area with three 4-way tenons and a total of twelve 400-watt metal halide cutoff floods. Also install a new astronomic time clock that will operate a multi-pole contactor (timer and contactor will operate any additional lights also). \$7,223.88.
- 2) Add one pole (15' tall) with twin tenon and two 250-watt metal halide flood fixtures near tennis courts. This pole light will be operated in conjunction with timer & contactor installed for main parking lot pole lights. \$2,955.10.
- 3) Add one pole (12' tall) with one 175-watt metal halide cutoff flood light on right side of driveway to gate of pool enclosure. This pole light will also be operated in conjunction with the new timer. \$2,464.33.
- 4) Guard house and bath house - replace two existing incandescent flood light fixtures and replace with 100-watt NS type flood light fixtures. Add three additional flood light fixtures, one on guard house and two on the bath house. These fixtures will also be controlled via the new time clock. \$2,395.00.
- 5) Replace three existing fixtures at three poles surrounding the pool deck with twin tenons and a total of six 400-watt metal halide cutoff floods to match the new fixtures in the parking area. These fixtures to be controlled via the new time clock. \$3,319.17.

N/C * a) make these the floods we talked about
N/C b) Also make these lights that can be on a separate system from parking lot, but tie them both into the automatic time clock.

- 6) Rewire supply power to three pole lights surrounding the pool deck so that one fixture at each pole will be capable of being turned off while the other fixture remains on. This control method will utilize a second channel on the time clock but will require a second contractor. \$2,743.53.

NO

A graduated discount up to 8% for all portions of this proposal will be applied to the total amount.

These prices are valid for sixty days. Payment of invoices is due within 30 days and is subject to a 2% late charge per month past 30 days (24% annually).

Please return a signed copy of this fax to act as acceptance of terms and notice to proceed. A deposit of \$5000.00 will be required to initiate this project.

Minus \$350 discount that we talked about
No increase for recent cost increases, just less
of a total discount for doing white project.

Richard A. Hibel Agent 5/10/06

MONTGOMERY LIGHTING SERVICE

21809 WOODFIELD RD
LAYTONSVILLE MD 20882
OFFICE - 301.947.7830
FAX - 301.947.7829

Tom's cell - 301.252.4077 - emergencies only please
Ben's cell - 301.252.4078 - emergencies only please

DATE: May 3, 2006
TO: Rich Skobel
FAX #:
SUBJECT: Saybrooke Pool Parking Lot Lighting
SENDER: Tom Feck
PAGES SENT: 1

NOW YOU CAN SUBMIT YOUR WORK REQUESTS VIA THE INTERNET-

www.montgomerylightingservice.com

To view info on proposed light fixtures for the parking lot lighting modifications go to
www.ruudlighting.com

In the left upper corner at FIND CATALOG enter #cf3640-m. When the new page displays you can select literature or spec sheets.

The fixture for the tennis court light is cf3425-m.

The fixture for the walkway is LCF3417-m.

The fixtures to replace the incandescent floods are NS6410-D

Please note three factors that have changed since this proposal was generated

The price of fuel has increased

RUUD Lighting had a price increase in January 06

The price of copper wire has skyrocketed!!! Double what it was six months ago!!!

A conservative estimate of increased cost for this project is 5 to 7 percent.

Parking Lot



Ruud Lighting International

| Catalog

| Help

| Contact Us

| Keyword Search



Quality for Less...
Buy Factory Direct



Find Catalog #

ABOUT US

PRODUCT LINES

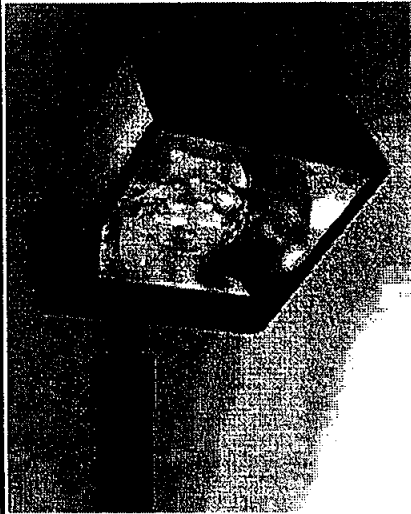
LOGIN

CUSTOMER SERVICE

HOME

GO

CF3640-M

Product	Product Information	
	Catalog Number: CF3640-M 16" Square Cutoff Flood, 2" Adjustable Fitter mount and 400 Watt Pulse Start Metal Halide Lamp (included) for 120/208/ 240/ 277 Volt.	MORE LIKE THIS LITERATURE SPEC SHEET
	Usually ships in one business day. Note: Not for use in an upright position in wet locations. Click MORE LIKE THIS and check Options column (Uplight) for availability.	IES Files: (Select IES file)

Related Products

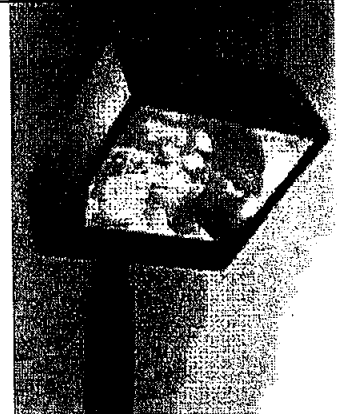
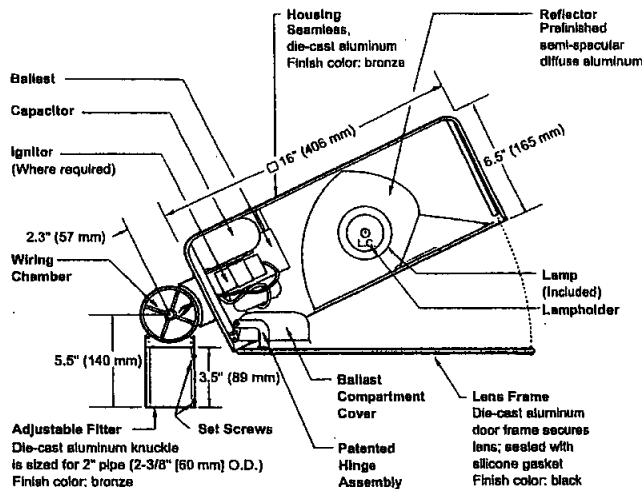
[FWG-16](#) Steel Wire Guard for 16" sq. Housing[LS-16](#) Polycarbonate Vandal Shield for 16" sq. Housing[PC-1](#) Button Photocell for 120V[PC-2](#) Button Photocell for 277V[PGM-1](#) Ground Mount Post[PW-1A3\(3\)](#) Mid-Pole Bracket for one fixture on 3" sq. Pole[PW-1A3\(4\)](#) Mid-Pole Bracket for one fixture on 4" sq. Pole[PW-1A3\(5\)](#) Mid-Pole Bracket for one fixture on 5" sq. Pole[PW-1A3\(6\)](#) Mid-Pole Bracket for one fixture on 6" sq. Pole[PW-2A3\(4\)](#) Mid-Pole Bracket for two fixtures on 4" sq. Pole[PW-2A3\(5\)](#) Mid-Pole Bracket for two fixtures on 5" sq. Pole[PW-2A3\(6\)](#) Mid-Pole Bracket for two fixtures on 6" sq. Pole[SBL-16](#) Backlight Shield for 16" Housing[WM-1](#) Wall Mount Bracket with Wiring Box[WM-2](#) Wall Mount Bracket with 2-3/8" Horizontal Tenon

Parking Lot

2" ADJUSTABLE FITTER

16" (406 mm) CUTOFF FLOODLIGHT

CF3-16
SERIES



SPEC # WATTAGE CATALOG

PULSE START METAL HALIDE

<input type="checkbox"/>	SPEC #	200W PSMH	CF3620-(a)(b)
<input type="checkbox"/>	SPEC #	250W PSMH	CF3625-(a)(b)
<input type="checkbox"/>	SPEC #	320W PSMH	CF3632-(a)(b)
<input type="checkbox"/>	SPEC #	350W PSMH	CF3635-(a)(b)
<input type="checkbox"/>	SPEC #	400W PSMH	CF3640-(a)(b)
<input type="checkbox"/>	SPEC #	450W PSMH*	CF3645-(a)(b)

METAL HALIDE

<input type="checkbox"/>	SPEC #	175W MH	CF3417-(a)(b)
<input type="checkbox"/>	SPEC #	250W MH	CF3425-(a)(b)
<input type="checkbox"/>	SPEC #	400W MH	CF3440-(a)(b)

HIGH PRESSURE SODIUM

<input type="checkbox"/>	SPEC #	250W HPS	CF3525-(a)(b)
<input type="checkbox"/>	SPEC #	400W HPS	CF3540-(a)(b)

Specify (a) Voltage & (b) Options. *Consult factory for availability.

(a) VOLTAGE SUFFIX KEY

M	120/208/240/277V (Standard)
T	120/277/347V (Canada Only) (Standard)
1	120V
2	277V
27	277V Reactor (PSMH Only)
3	208V
4	240V
5	480V
6	347V (Canada Only)

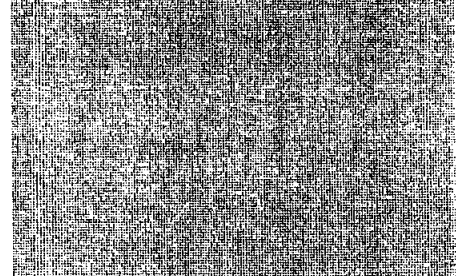
For voltage availability outside the US and Canada, see Bulletin TD-9 or contact your Ruud Lighting authorized International Distributor.

(b) OPTIONS (factory-installed)

-(a)F	Fusing
-5P	External Photocell (for 480V)
Q	Quartz Standby (Includes 100W quartz lamp) (N/A on 277V Reactor)
U	Uplight Lens Frame

Specify (a) Single Voltage — See Voltage Suffix Key

Notes



GENERAL DESCRIPTION

Sharp cutoff luminaire for HID lamp, totally enclosed. Housing is seamless, die-cast aluminum. Aluminum die-cast adjustable fitter mounting is sized for 2" pipe (2-3/8" [60 mm] O.D.). Allows for directional aiming as well as 2-1/2° incremental vertical adjustment. Contains integral wiring compartment. Two stainless-steel set screws provide clamping to vertical tenons. Lens assembly consists of rigid aluminum frame and high-impact, clear-tempered glass.

LABELS

ANSI lamp wattage label supplied, visible during relamping. UL Listed in US and Canada for wet locations and enclosure classified IP65 per IEC 529 and IEC 598.

ELECTRICAL

Fixture includes clear, mogul-base lamp. Pulse-rated porcelain enclosed, 4kv-rated screw-shell-type lampholder with spring-loaded center contact. Lamp ignitor included where required. All ballast assemblies are high-power factor and use the following circuit type:

Reactor (277V PSMH)
200 – 450W PSMH

CWA — Constant Wattage Autotransformer
200 – 450W PSMH; 175W – 400W MH;
250 – 400W HPS

PATENTS

US 4,689,729; 4,709,312

FINISH

Exclusive DeltaGuard® finish features an E-coat epoxy primer with medium bronze ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our seven-year limited warranty.

ACCESSORIES

FWG-16	Wire Guard
LS-16	Polycarbonate Vandal Shield (not for use with fixtures in uplight position)
PC-1	Button Photocell (for fixtures set to 120V)
PC*6	Button Photocell (for fixtures set to 347V)
PC-2	Button Photocell (for fixtures set to 208, 240, 277V)
PGM-1	Ground Mount Post
SBL-16	Backlight Shield

RUUD
LIGHTING

9201 Washington Avenue Racine, Wisconsin 53406-3772 USA

PHONE (262) 886-1900

FAX (262) 884-3309

© Ruud Lighting Inc. Printed in USA

www.ruudlighting.com

12/11/03

Parking Lot

CF3-16
SERIES

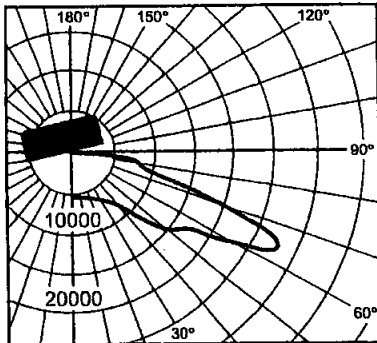
2" ADJUSTABLE FITTER

16" (406 mm) CUTOFF FLOODLIGHT

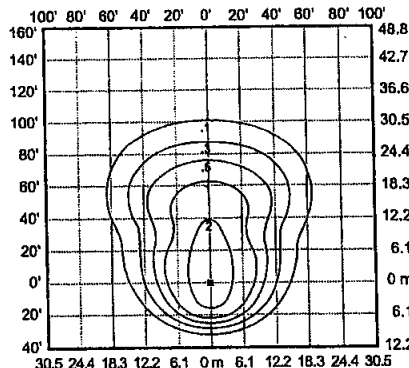
EPA RATING

EPA 1.27 for single fixture with 20° tilt (Consult factory for EPA rating on multiple units or other tilt angles).

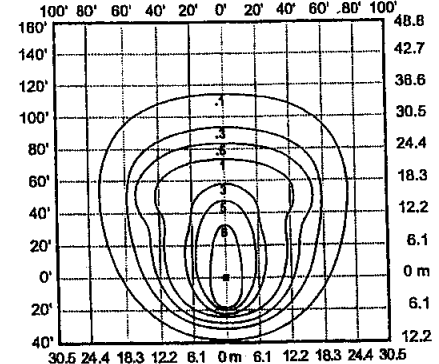
Isofootcandle plots show initial footcandles at grade. (Footcandles ÷ 0.0929 = Lux)



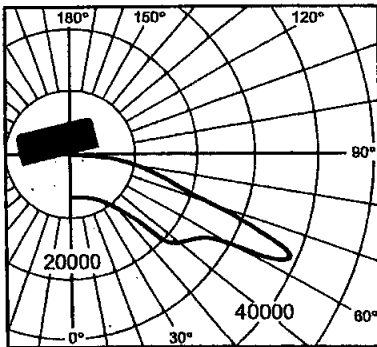
Lighting Sciences Inc.
Certified Test Report No. LSI 4948
Candlepower distribution curve of 400W MH
Cutoff Floodlight at 20° vertical tilt



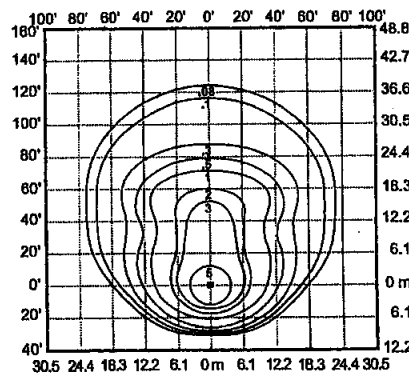
Isofootcandle plot of 250W MH Cutoff
Floodlight at 25' (7.6 m) mounting height
and 20° vertical tilt (Plan view)



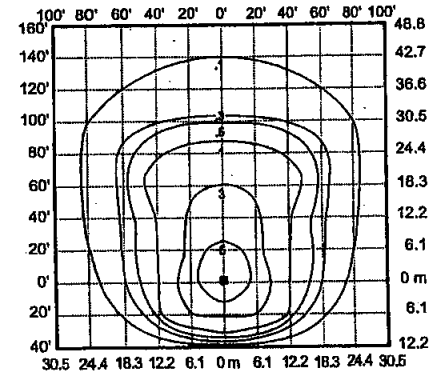
Isofootcandle plot of 400W MH Cutoff
Floodlight at 30' (9.1 m) mounting height
and 20° vertical tilt (Plan view)



Lighting Sciences Inc.
Certified Test Report No. LSI 10692
Candlepower distribution curve of 400W HPS
Cutoff Floodlight at 20° vertical tilt

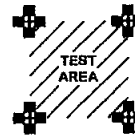


Isofootcandle plot of 250W HPS Cutoff
Floodlight at 25' (7.6 m) mounting height
and 20° vertical tilt (Plan view)



Isofootcandle plot of 400W HPS Cutoff
Floodlight at 30' (9.1 m) mounting height
and 20° vertical tilt (Plan view)

Pole-spacing Example Data



Test area is centered within a (16) pole layout.

Catalog #	Lamp Type	Lamp Lumens	Mounting Height	Max. Recommended Pole-spacing	Average Initial Light Levels at Grade 4 Fixtures per pole (Footcandles ÷ 0.0929 = Lux)	
					Footcandles	Lux
CF3417-M	175W MH	12,000	15' (4.6 m)	75' (22.9 m)	6.06	65
			20' (6.1 m)	100' (30.5 m)	3.62	39
CF3425-M	250W MH	20,000	20' (6.1 m)	100' (30.5 m)	6.03	65
			25' (7.6 m)	125' (38.1 m)	3.45	37
CF3440-M	400W MH	32,000	25' (7.6 m)	125' (38.1 m)	7.75	84
			30' (9.1 m)	150' (45.7 m)	5.75	62
CF3525-M	250W HPS	28,500	20' (6.1 m)	100' (30.5 m)	9.45	102
			25' (7.6 m)	125' (38.1 m)	5.39	58
CF3540-M	400W HPS	50,000	25' (7.6 m)	125' (38.1 m)	9.45	102
			30' (9.1 m)	150' (45.7 m)	6.89	74



9201 Washington Avenue Racine, Wisconsin 53406-3772 USA

PHONE (262) 886-1900

FAX (262) 884-3309

© Ruud Lighting Inc. Printed in USA

www.ruudlighting.com

12/11/03

Walkway by Tennis Court



Ruud Lighting International

Catalog

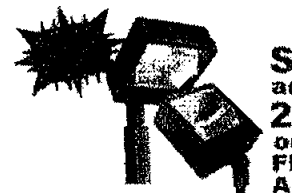
Help

Contact Us

Keyword Search



**Quality for Less...
Buy Factory Direct**



Find Catalog #

ABOUT US

PRODUCT LINES

LOGIN


CUSTOMER SERVICE

HOME

LCF3417-m

GD

CF3425-M

Product	Product Information	
	Catalog Number: CF3425-M 16" Square Cutoff Flood, 2" Adjustable Fitter mount and 250 Watt Metal Halide Lamp (included) for 120/ 208/ 240/ 277 Volt. Usually ships in one business day. Note: Not for use in an upright position in wet locations. Click MORE LIKE THIS and check Options column (Uplight) for availability.	MORE LIKE THIS LITERATURE SPEC SHEET
		IES Files: (Select IES file)

Related Products

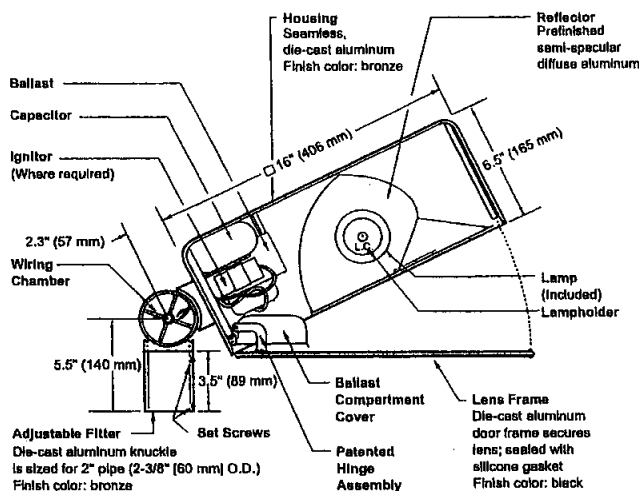
[FWG-16](#) Steel Wire Guard for 16" sq. Housing[LS-16](#) Polycarbonate Vandal Shield for 16" sq. Housing[PC-1](#) Button Photocell for 120V[PC-2](#) Button Photocell for 277V[PGM-1](#) Ground Mount Post[PW-1A3\(3\)](#) Mid-Pole Bracket for one fixture on 3" sq. Pole[PW-1A3\(4\)](#) Mid-Pole Bracket for one fixture on 4" sq. Pole[PW-1A3\(5\)](#) Mid-Pole Bracket for one fixture on 5" sq. Pole[PW-1A3\(6\)](#) Mid-Pole Bracket for one fixture on 6" sq. Pole[PW-2A3\(4\)](#) Mid-Pole Bracket for two fixtures on 4" sq. Pole[PW-2A3\(5\)](#) Mid-Pole Bracket for two fixtures on 5" sq. Pole[PW-2A3\(6\)](#) Mid-Pole Bracket for two fixtures on 6" sq. Pole[SBL-16](#) Backlight Shield for 16" Housing[WM-1](#) Wall Mount Bracket with Wiring Box[WM-2](#) Wall Mount Bracket with 2-3/8" Horizontal Tenon

walkway by tennis court

2" ADJUSTABLE FITTER

16" (406 mm) CUTOFF FLOODLIGHT

CF3-16
SERIES



SPEC #	WATTAGE	CATALOG #
--------	---------	-----------

PULSE START METAL HALIDE

<input type="checkbox"/>	SPEC #	200W PSMH	CF3620-(a)(b)
<input type="checkbox"/>	SPEC #	250W PSMH	CF3625-(a)(b)
<input type="checkbox"/>	SPEC #	320W PSMH	CF3632-(a)(b)
<input type="checkbox"/>	SPEC #	350W PSMH	CF3635-(a)(b)
<input type="checkbox"/>	SPEC #	400W PSMH	CF3640-(a)(b)
<input type="checkbox"/>	SPEC #	450W PSMH*	CF3645-(a)(b)

METAL HALIDE

<input type="checkbox"/>	SPEC #	175W MH	CF3417-(a)(b)
<input type="checkbox"/>	SPEC #	250W MH	CF3425-(a)(b)
<input type="checkbox"/>	SPEC #	400W MH	CF3440-(a)(b)

HIGH PRESSURE SODIUM

<input type="checkbox"/>	SPEC #	250W HPS	CF3525-(a)(b)
<input type="checkbox"/>	SPEC #	400W HPS	CF3540-(a)(b)

Specify (a) Voltage & (b) Options. *Consult factory for availability.

(a) VOLTAGE SUFFIX KEY

M	120/208/240/277V (Standard)
T	120/277/347V (Canada Only) (Standard)
1	120V
2	277V
27	277V Reactor (PSMH Only)
3	208V
4	240V
5	480V
6	347V (Canada Only)

For voltage availability outside the US and Canada, see Bulletin TD-9 or contact your Ruud Lighting authorized International Distributor.

(b) OPTIONS (factory-installed)

-(a)F	Fusing
-5P	External Photocell (for 480V)
Q	Quartz Standby (Includes 100W quartz lamp) (N/A on 277V Reactor)
U	Uplight Lens Frame

Specify (a) Single Voltage — See Voltage Suffix Key

Notes

GENERAL DESCRIPTION

Sharp cutoff luminaire for HID lamp, totally enclosed. Housing is seamless, die-cast aluminum. Aluminum die-cast adjustable fitter mounting is sized for 2" pipe [2-3/8" [60 mm] O.D.]. Allows for directional aiming as well as 2-1/2° incremental vertical adjustment. Contains integral wiring compartment. Two stainless-steel set screws provide clamping to vertical tenons. Lens assembly consists of rigid aluminum frame and high-impact, clear-tempered glass.

LABELS

ANSI lamp wattage label supplied, visible during relamping. UL Listed in US and Canada for wet locations and enclosure classified IP65 per IEC 529 and IEC 598.

ELECTRICAL

Fixture includes clear, mogul-base lamp. Pulse-rated porcelain enclosed, 4kv-rated screw-shell-type lampholder with spring-loaded center contact. Lamp ignitor included where required. All ballast assemblies are high-power factor and use the following circuit type:

Reactor (277V PSMH)
200 – 450W PSMH

CWA — Constant Wattage Autotransformer
200 – 450W PSMH; 175W – 400W MH;
250 – 400W HPS

PATENTS

US 4,689,729; 4,709,312

FINISH

Exclusive DeltaGuard® finish features an E-coat epoxy primer with medium bronze ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our seven-year limited warranty.

ACCESSORIES

FWG-16	Wire Guard
LS-16	Polycarbonate Vandal Shield (not for use with fixtures in uplight position)
PC-1	Button Photocell (for fixtures set to 120V)
PC*6	Button Photocell (for fixtures set to 347V)
PC-2	Button Photocell (for fixtures set to 208, 240, 277V)
PGM-1	Ground Mount Post
SBL-16	Backlight Shield

9201 Washington Avenue Racine, Wisconsin 53406-3772 USA

PHONE (262) 886-1900

FAX (262) 884-3309

© Ruud Lighting Inc. Printed in USA

www.ruudlighting.com

12/11/03

RUUD
LIGHTING

Walkway by tennis court

CF3-16
SERIES

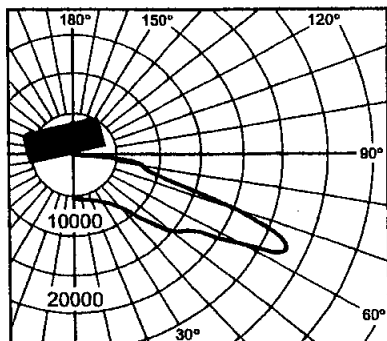
2" ADJUSTABLE FITTER

16" (406 mm) CUTOFF FLOODLIGHT

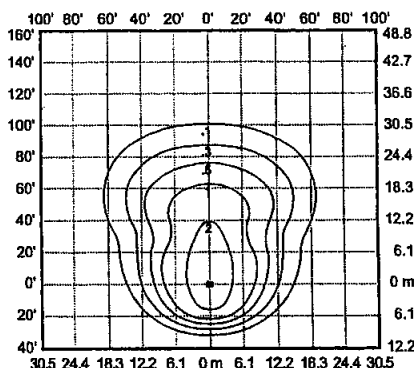
PA RATING

Isofootcandle plots show initial footcandles at grade. (Footcandles \div 0.0929 = Lux)

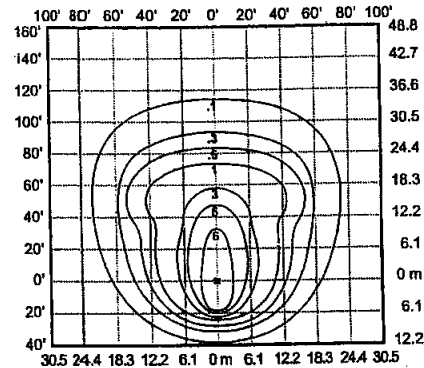
cPA 1.27 for single fixture with 20° tilt (Consult factory for EPA rating on multiple units or other tilt angles).



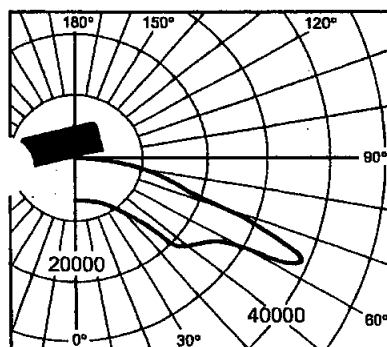
Lighting Sciences Inc.
Certified Test Report No. LSI 4948
Candlepower distribution curve of 400W MH
Cutoff Floodlight at 20° vertical tilt



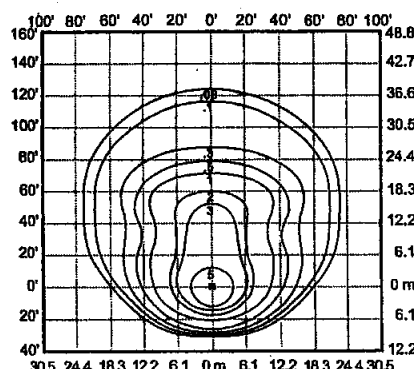
Isofootcandle plot of 250W MH Cutoff
Floodlight at 25' (7.6 m) mounting height
and 20° vertical tilt (Plan view)



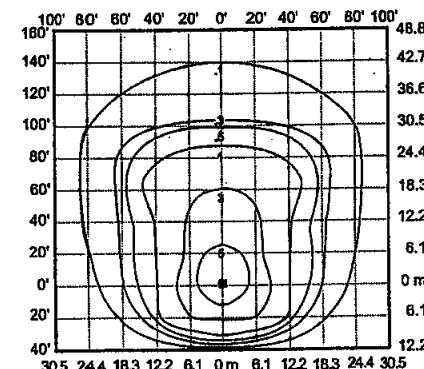
Isofootcandle plot of 400W MH Cutoff
Floodlight at 30' (9.1 m) mounting height
and 20° vertical tilt (Plan view)



Lighting Sciences Inc.
Certified Test Report No. LSI 10692
Candlepower distribution curve of 400W HPS
Cutoff Floodlight at 20° vertical tilt

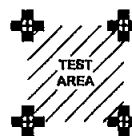


Isofootcandle plot of 250W HPS Cutoff
Floodlight at 25' (7.6 m) mounting height
and 20° vertical tilt (Plan view)



Isofootcandle plot of 400W HPS Cutoff
Floodlight at 30' (9.1 m) mounting height
and 20° vertical tilt (Plan view)

Pole-spacing Example Data



Test area is centered within a (16) pole layout.

Average Initial Light Levels at Grade
4 Fixtures per pole
(Footcandles \div 0.0929 = Lux)

Catalog #	Lamp Type	Lamp Lumens	Mounting Height	Max. Recommended Pole-spacing	Footcandles	Lux
CF3417-M	175W MH	12,000	15' (4.6 m)	75' (22.9 m)	6.06	65
			20' (6.1 m)	100' (30.5 m)	3.62	39
CF3425-M	250W MH	20,000	20' (6.1 m)	100' (30.5 m)	6.03	65
			25' (7.6 m)	125' (38.1 m)	3.45	37
CF3440-M	400W MH	32,000	25' (7.6 m)	125' (38.1 m)	7.75	84
			30' (9.1 m)	150' (45.7 m)	5.75	62
CF3525-M	250W HPS	28,500	20' (6.1 m)	100' (30.5 m)	9.45	102
			25' (7.6 m)	125' (38.1 m)	5.39	58
CF3540-M	400W HPS	50,000	25' (7.6 m)	125' (38.1 m)	9.45	102
			30' (9.1 m)	150' (45.7 m)	6.89	74



9201 Washington Avenue Racine, Wisconsin 53406-3772 USA

PHONE (262) 886-1900

FAX (262) 884-3309

© Ruud Lighting Inc. Printed in USA

www.ruudlighting.com

12/11/03

Pool walkway



Ruud Lighting International

Catalog

Help

Contact Us

Keyword Search



**Quality for Less...
Buy Factory Direct**



Find Catalog #

ABOUT US

PRODUCT LINES

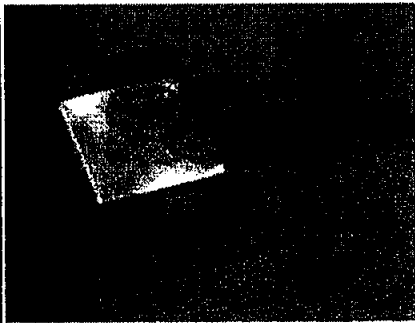
LOGIN

CUSTOMER SERVICE

HOME

GO

LCF3417-M

Product	Product Information	
	Catalog Number:	LCF34
	16" x 9-1/4" Rectangular Linear Cutoff Flood, 2" / Fitter mount and 175 Watt Metal Halide Lamp (in 120/ 208/ 240/ 277 Volt.	
	Usually ships in one business day.	
	Note: 6 month warranty on this lamp	

Related Products

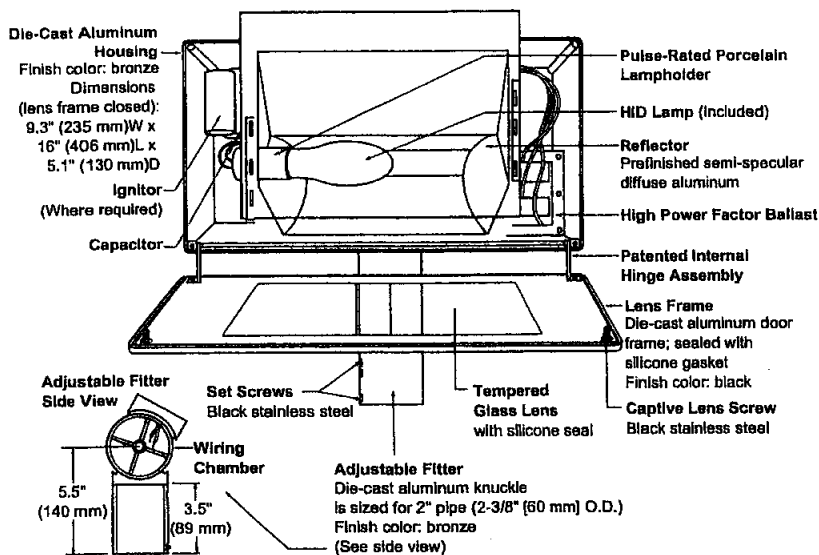
FWG-L Wire Guard for Rectangular FixturesLS-L Polycarbonate Vandal Shield for Rectangular FloodPC-1 Button Photocell for 120VPC-2 Button Photocell for 277VPGM-1 Ground Mount PostPW-1A3(3) Mid-Pole Bracket for one fixture on 3" sq. PolePW-1A3(4) Mid-Pole Bracket for one fixture on 4" sq. PolePW-1A3(5) Mid-Pole Bracket for one fixture on 5" sq. PolePW-1A3(6) Mid-Pole Bracket for one fixture on 6" sq. PolePW-2A3(4) Mid-Pole Bracket for two fixtures on 4" sq. PolePW-2A3(5) Mid-Pole Bracket for two fixtures on 5" sq. PolePW-2A3(6) Mid-Pole Bracket for two fixtures on 6" sq. PoleWM-1 Wall Mount Bracket with Wiring BoxWM-2 Wall Mount Bracket with 2-3/8" Horizontal TenonWM-4 Wall Mount Bracket with 2-3/8" Vertical Tenon[ABOUT US](#) [PRODUCT LINES](#) [LOG IN](#) [CUSTOMER SERVICE](#) [HOME](#)[CONTACT](#) [FEEDBACK](#) [PRIVACY](#) [TERMS AND CONDITIONS](#)

Copyright © 2006 Ruud Lighting Inc. - All Rights Reserved

pool walkway

2" ADJUSTABLE FITTER

RECTANGULAR CUTOFF FLOOD



LCF3 SERIES



Notes

SPEC #	WATTAGE	CATALOG #
PULSE START METAL HALIDE		
<input type="checkbox"/> SPEC #	125W PSMH	LCF3612-(a)(b)
<input type="checkbox"/> SPEC #	150W PSMH	LCF3615-(a)(b)
METAL HALIDE		
<input type="checkbox"/> SPEC #	50W MH	LCF3405-(a)(b)
<input type="checkbox"/> SPEC #	70W MH	LCF3407-(a)(b)
<input type="checkbox"/> SPEC #	100W MH	LCF3410-(a)(b)
<input type="checkbox"/> SPEC #	175W MH	LCF3417-(a)(b)
HIGH PRESSURE SODIUM		
<input type="checkbox"/> SPEC #	35W HPS	LCF3503-(a)(b)
<input type="checkbox"/> SPEC #	50W HPS	LCF3505-(a)(b)
<input type="checkbox"/> SPEC #	70W HPS	LCF3507-(a)(b)
<input type="checkbox"/> SPEC #	100W HPS	LCF3510-(a)(b)
<input type="checkbox"/> SPEC #	150W HPS	LCF3515-(a)(b)

Specify (a) Voltage & (b) Options.

(a) VOLTAGE SUFFIX KEY

D	120/277V (Standard: 125W PSMH; 50 – 100W MH; 50W HPS)
M	120/208/240/277V (Standard: 150W PSMH; 175W MH; 70 – 150W HPS)
T	120/277/347V (Canada Only) (Standard: 150W PSMH; 70 – 175W MH; 70 – 150W HPS)
1	120V (Standard: 35W HPS)
2	277V
27	277V Reactor (150W PSMH Only)
3	208V
4	240V
5	480V (175W MH; 70 – 150W HPS)
6	347V (Canada Only)

For voltage availability outside the US and Canada, see Bulletin TD-9 or contact your Ruud Lighting authorized International Distributor.

(b) OPTIONS (factory-installed)

-(a)F	Fusing
J	Tamperproof Lens Fasteners
-5P	External Photocell (for 480V)

Specify (a) Single Voltage — See Voltage Suffix Key

GENERAL DESCRIPTION

Sharp cutoff luminaire for HID lamp, totally enclosed. Housing is seamless, die-cast aluminum. Aluminum die-cast adjustable fitter mounting is sized for 2" pipe (2-3/8" [60 mm] O.D.). Allows for directional aiming as well as 2-1/2" incremental vertical adjustment. Contains integral wiring compartment. Two stainless-steel set screws provide clamping to vertical tenons. Lens assembly consists of rigid aluminum frame and high-impact, clear-tempered glass.

FINISH

Exclusive DeltaGuard® finish features an E-coat epoxy primer with medium bronze ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our seven-year limited warranty.

ELECTRICAL

Fixture includes clear, medium-base lamp. Pulse-rated porcelain enclosed, 4kv-rated screw-shell-type lampholder. Lamp ignitor included where required. All ballast assemblies are high-power factor and use the following circuit types:

Reactor (277V PSMH)
150W PSMH

Reactor
120V: 35 – 150W HPS

HX — High Reactance
50 – 100W MH; 50 – 150W HPS

CWA — Constant Wattage Autotransformer
125 & 150W PSMH; 175W MH

LABELS

ANSI lamp wattage label supplied, visible during relamping. UL Listed in US and Canada for wet locations.

PATENTS

US 4,689,729; 4,709,312

ACCESSORIES

LS-L	Polycarbonate Vandal Shield (not for use with fixtures in upright position)
PC-1	Button Photocell (for fixtures set to 120V)
PC*6	Button Photocell (for fixtures set to 347V)
PC-2	Button Photocell (for fixtures set to 208, 240, 277V)
PGM-1	Ground Mount Post
TPS-1	Tamperproof Screwdriver
WG-L	Wire Guard

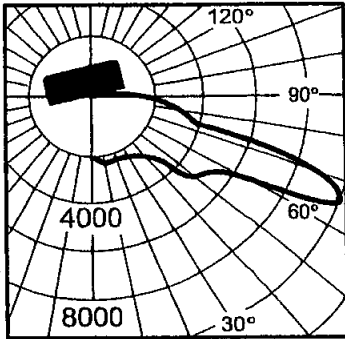
LCF3
SERIES

2" ADJUSTABLE FITTER

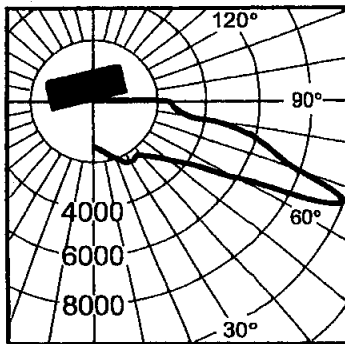
RECTANGULAR CUTOFF FLOOD

EPA RATING

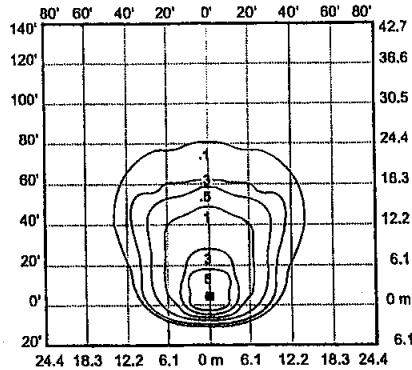
EPA 0.91 for single fixture with 20° tilt (Consult factory for EPA rating on multiple units or other tilt angles).



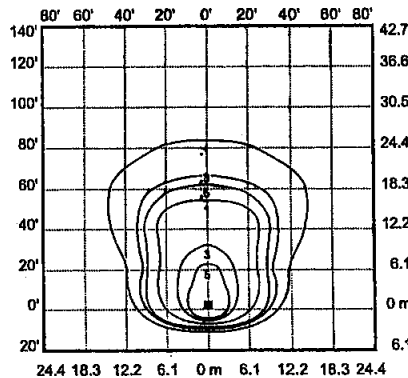
Lighting Sciences Inc.
Certified Test Report No. LSI 10697
Candlepower distribution curve of 175W MH
Rectangular Cutoff Floodlight at 20°
vertical tilt.



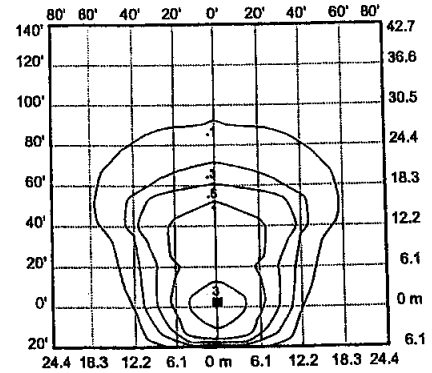
Lighting Sciences Inc.
Certified Test Report No. LSI 9239
Candlepower distribution curve of 150W HPS
Rectangular Cutoff Floodlight at 20°
vertical tilt.



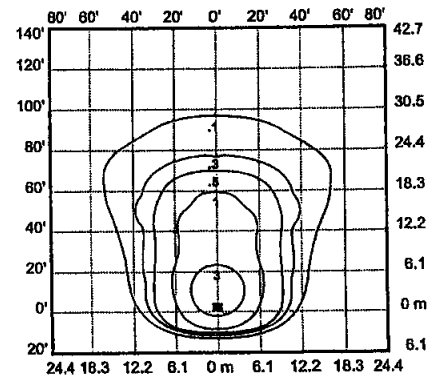
Isofootcandle plot of 175W MH Cutoff
Floodlight at 15' (4.6 m) mounting height
and 20° vertical tilt.
(Plan view)



Isofootcandle plot of 150W HPS Cutoff
Floodlight at 15' (4.6 m) mounting height
and 20° vertical tilt.
(Plan view)

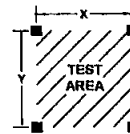


Isofootcandle plot of 175W MH Cutoff
Floodlight at 20' (6.1 m) mounting height
and 20° vertical tilt.
(Plan view)



Isofootcandle plot of 150W HPS Cutoff
Floodlight at 20' (6.1 m) mounting height
and 20° vertical tilt.
(Plan view)

Pole-spacing Example Data



Test area is centered within a (16) pole layout.

Average Initial Light Levels at Grade
4 Fixtures per pole

(Footcandles ÷ 0.0929 = Lux)

Catalog #	Lamp Type	Lamp Lumens	Mounting Height	Max. Recommended Pole-spacing	Footcandles	Lux
LCF3410-D	100W MH	8,100	10' (3.0 m)	50' (15.2 m)	14.26	155
			15' (4.6 m)	75' (22.9 m)	5.24	57
LCF3417-M	175W MH	12,000	15' (4.6 m)	75' (22.9 m)	7.75	85
			20' (6.1 m)	100' (30.5 m)	4.56	49
LCF3510-M	100W HPS	9,500	10' (3.0 m)	50' (15.2 m)	12.37	133
			15' (4.6 m)	75' (22.9 m)	4.43	47
LCF3515-M	150W HPS	16,000	15' (4.6 m)	75' (22.9 m)	7.44	79
			20' (6.1 m)	100' (30.5 m)	4.51	49



9201 Washington Avenue Racine, Wisconsin 53406-3772 USA

PHONE (262) 886-1900

FAX (262) 884-3309

© Ruud Lighting Inc. Printed in USA

www.ruudlighting.com

12/11/03

Replacement Flood lights on pool



Ruud Lighting International

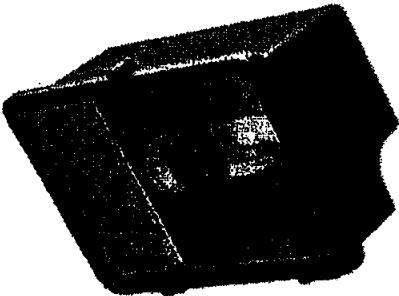
[Catalog](#)[Help](#)[Contact Us](#)[Keyword Search](#)**Quality for Less...
Buy Factory Direct**

Find Catalog #

[ABOUT US](#)[PRODUCT LINES](#)[LOGIN](#)[CUSTOMER SERVICE](#)[HOME](#)

GO

NS6410-D

Product	Product Information	
	Catalog Number:	NS6410-D
	<p>Micro Flood, 1/2" Adjustable Fitter mount and 100 Watt Metal Halide Lamp (included) for 120/277 Volt.</p> <p>Usually ships in one business day.</p> <p>Note: If you require 10 or more of these fixtures, consider a high power factor ballast. Click MORE LIKE THIS and check Options column (High Power Factor) for availability.</p>	

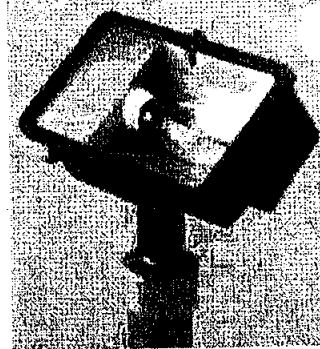
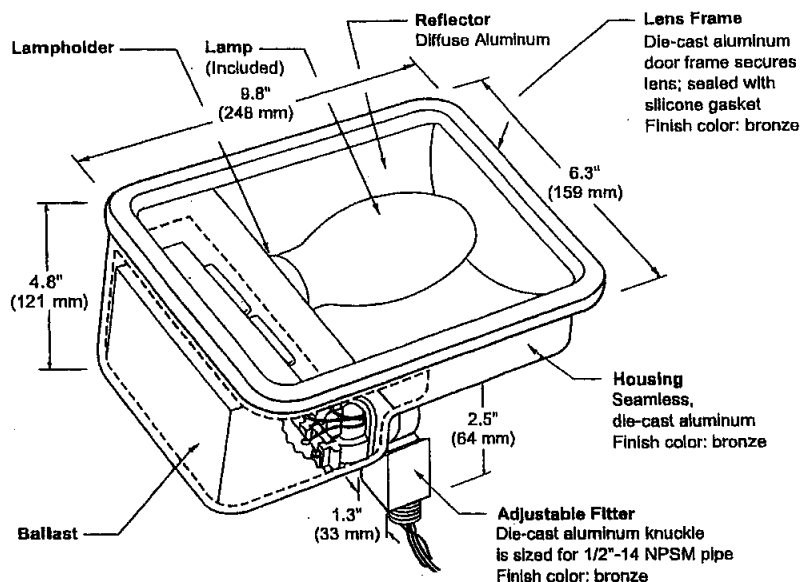
Related Products[DB-9](#) Deep Baffle for Micro Flood Fixture[FWG-9](#) Steel Wire Guard for Micro Flood[GS-9](#) Glare Shield for Micro Flood[MNB-1](#) Mounting Box for 1/2" Adjustable Fitter[MNB-2](#) Mounting Box with Stake, Cord & Plug for 1/2" Adjustable Fitter[MNH-2](#) Conduit Slipfitter for 1/2" Adjustable Fitter

[ABOUT US](#) [PRODUCT LINES](#) [LOG IN](#) [CUSTOMER SERVICE](#) [HOME](#)
[CONTACT](#) [FEEDBACK](#) [PRIVACY](#) [TERMS AND CONDITIONS](#)
Copyright © 2006 Ruud Lighting Inc. - All Rights Reserved

Replacement Floodlights in pool

HID MICRO FLOOD

NS6-H SERIES



Notes

SPEC #	WATTAGE	CATALOG #
PULSE START METAL HALIDE		
<input type="checkbox"/> SPEC #	125W PSMH	NS6612-(a)(b)
METAL HALIDE		
<input type="checkbox"/> SPEC #	50W MH	NS6405-(a)(b)
<input type="checkbox"/> SPEC #	70W MH	NS6407-(a)(b)
<input type="checkbox"/> SPEC #	100W MH	NS6410-(a)(b)
HIGH PRESSURE SODIUM		
<input type="checkbox"/> SPEC #	35W HPS	NS6503-(a)(b)
<input type="checkbox"/> SPEC #	50W HPS	NS6506-(a)(b)
<input type="checkbox"/> SPEC #	70W HPS	NS6507-(a)(b)
<input type="checkbox"/> SPEC #	100W HPS	NS6510-(a)(b)
<input type="checkbox"/> SPEC #	150W HPS	NS6515-(a)(b)
MERCURY VAPOR		
<input type="checkbox"/> SPEC #	100W MV	NS6310-(a)(b)

Specify (a) Voltage & (b) Options.

GENERAL DESCRIPTION

Micro Floodlight for HID lamp, totally enclosed. Housing is seamless die-cast aluminum for strength and durability. Die-cast aluminum adjustable fitter allows for directional aiming, as well as 5° incremental vertical adjustment. Lower fitter includes 1/2"-14 NPSM threads 0.70" (18 mm) long for mounting to 1/2"-14 NPSM knockout. Lens assembly consists of die-cast aluminum frame and 1/8" (3 mm) thick double strength heat tempered glass. Complete silicone gasketing at lens and housing.

(a) VOLTAGE SUFFIX KEY

D	120/277V (Standard: 125W PSMH, 50 - 100W MH)
T	120/277/347V (Canada Only) (70 - 100W MH; 70W HPS)
1	120V (Standard: 35W HPS)
2	277V
6	347V (Canada Only)

For voltage availability outside the US and Canada, see Bulletin TD-9 or contact your Ruud Lighting authorized International Distributor.

ELECTRICAL

Fixture includes clear medium-base lamp. Porcelain enclosed, 4kv-rated screw-shell-type lampholder with spring-loaded center contact. All ballast assemblies are normal power factor (125W PSMH is high-power factor) and use the following circuit types:

Reactor (120V only)
35 - 150W HPS

HX-High Reactance
50 - 100W MH, 50 - 70W HPS; 100W MV

CWA — Constant Wattage Autotransformer
125W PSMH

LABELS

ANSI lamp wattage label supplied, visible during relamping. UL Listed in US and Canada for wet locations and enclosure classified IP54 per IEC 529.

(b) OPTIONS (factory-installed)

H	High Power Factor (Standard: 125W PSMH)
J	Tamperproof Lens Fasteners
-(a)P	Photocell (n/a on 125W PSMH)
X	Linear Spread Lens-Horizontal
Y	Linear Spread Lens-Vertical

Specify (a) Single Voltage — See Voltage Suffix Key

FINISH

Exclusive DeltaGuard® finish features an E-coat epoxy primer with bronze ultra-durable powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. The finish is covered by our seven-year limited warranty.

ACCESSORIES

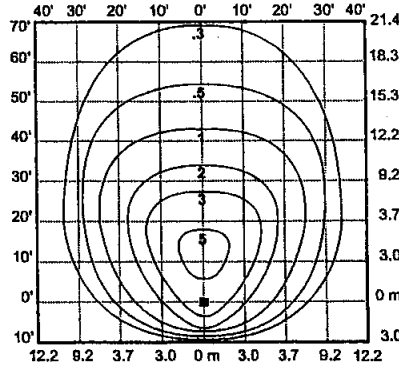
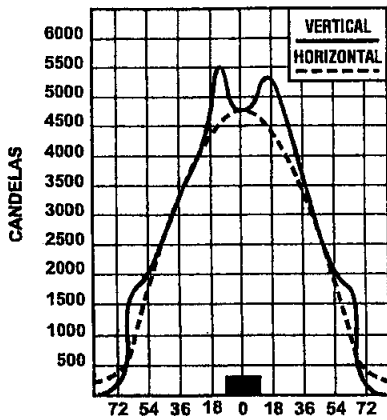
DB-9	Deep Baffle
FWG-9	Wire Guard
GS-9	Glare Shield
MNB-1	Mounting Box
MNB-2	Mounting Box with Stake, Cord and Plug
MNH-2	Conduit Slipfitter
TPS-1	Tamperproof Screwdriver

Replacement Floodlights in Pool

NS6-H
SERIES

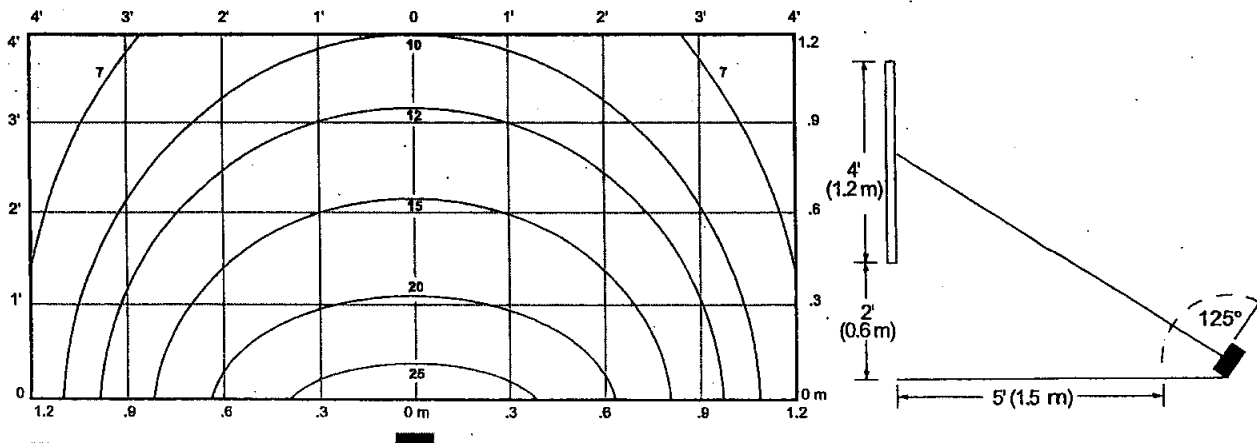
HID
MICRO FLOOD

Isofootcandle plots show initial footcandles at grade. (Footcandles \div 0.0929 = Lux)



Lighting Sciences Inc.
Certified Test Report No. LSI 9518
Candlepower distribution curve of 150W HPS
Micro Flood Fixture.

Isofootcandle plot of 150W HPS
Micro Flood at 20' (6.1 m) mounting
height and 60° tilt.
(Plan view)



Front view of 8' (2.4 m) wide x 4' (1.2 m) high sign showing initial footcandle levels achieved with one 50W MH Micro Flood mounted 2' (.6 m) below sign with 5' (1.5 m) setback and 125° tilt.
(Elevation view)

RUUD
LIGHTING

9201 Washington Avenue Racine, Wisconsin 53406-3772 USA

PHONE (262) 886-1900

FAX (262) 884-3309

© Ruud Lighting Inc. Printed in USA

www.ruudlighting.com

01/07/04